EXPLORER VTOL

VTOL HYBRID FOR SURVEILLANCE AND RECONNAISSANCE

Specifications

Role	Aerial Patrol, Reconnaissance and Surveillance Platform
Wingspan	4.51m (14 ft. 9 in)
Length	2.75 m (9 ft.)
Height	0.8 m (2 ft. 7 in)
Wing Area	1.94 sq. m (20.9 sq. ft)
Dry Weight	12 kg (26.5 lb)
Max Take off weight	30 kg (66 lb)
Fuel Capacity	12 Litres
Power Plant	6 BHP Single or Twin-cylinder piston engine
Speed Range	60 - 160 kmph (40 - 100 mph)
Range (GPS/Autonomous)	120 km (75 miles)
Endurance	4 - 6 hours (Enhanceable)
Recovery	VTOL
Stabilization	ID-AP 5000 Digital Autopilot with Navigation and Stability modules
Tracking & Telemetry	ID-TM6 GPS and Data Telemetry Module; GCS-1200 Ground Station; ATPS-1200 Antenna Tracking system
Payload Capacity	8 kg (17.6 lb)
Typical Payloads	HD EO/IR Zoom and Thermal cameras, SAR, Laser rangefinder, Three - axis gyro stabilized gimbal Live Video Feed and on-board recording

INTEGRATED DYNAMICS

Document Part Number: EXPLORER/030907

273/1-3, Main Korangi Creek Road, Korangi, Karachi-Pakistan ▲ www.idaerospace.com ▲ Call to order 0092-21-35091881 ▲ Email: info@idaerospace.com